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Relevance scale ☐ ☐ ☐ ☐ ☐**181** [RFC3075: XML-Signature Syntax and Processing](#)
 D. Eastlake, J. Reagle, D. Solo
 March 2001 rfc, RFC Editor
Additional Information: [full citation](#)

This document specifies XML (Extensible Markup Language) digital signature processing rules and syntax. XML Signatures provide integrity, message authentication, and/or signer authentication services for data of any type, whether located within the XML that includes the signature or elsewhere.

182 [I/O reference behavior of production database workloads and the TPC benchmarks—an analysis at the logical level](#)

Windsor W. Hsu, Alan Jay Smith, Honesty C. Young

March 2001 **ACM Transactions on Database Systems (TODS)**, Volume 26 Issue 1

Full text available: pdf (5.42 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

As improvements in processor performance continue to far outpace improvements in storage performance, I/O is increasingly the bottleneck in computer systems, especially in large database systems that manage huge amounts of data. The key to achieving good I/O performance is to thoroughly understand its characteristics. In this article we present a comprehensive analysis of the logical I/O reference behavior of the peak production database workloads from ten of the world's largest corporations ...

Keywords: I/O, TPC benchmarks, caching, locality, prefetching, production database workloads, reference behavior, sequentiality, workload characterization

183 [RFC3057: ISDN Q.921-User Adaptation Layer](#)
 K. Morneault, S. Rengasami, M. Kalla, G. Sidebottom
 February 2001 rfc, RFC Editor
Additional Information: [full citation](#)

This document defines a protocol for backhauling of ISDN Q.921 User messages over IP using the Stream Control Transmission Protocol (SCTP). This protocol would be used between a Signaling Gateway (SG) and Media Gateway Controller (MGC). It is assumed that the SG receives ISDN signaling over a standard ISDN interface.

184 [RFC3064: MGCP CAS Packages](#)
 B. Foster
 February 2001 rfc, RFC Editor

Additional Information: [full citation](#)

This document contains a collection of media gateway Channel Associated Signaling (CAS) packages for R1 CAS, North American CAS, CAS PBX interconnect as well as basic FXO support. Included are six packages. The "MS" package covers MF single stage dialing trunks. This includes wink start and immediate start PBX DID/DOD trunks as well as basic R1 and Feature Group D (FGD) Terminating protocol [3]. The "DT" package covers immediate start and basic DTMF and dial-pulse trunks and t ...

185 [RFC3060: Policy Core Information Model -- Version 1 Specification](#)

B. Moore, E. Ellessen, J. Strassner, A. Westerinen
February 2001 rfc, RFC Editor

Additional Information: [full citation](#)

This document presents the object-oriented information model for representing policy information developed jointly in the IETF Policy Framework WG and as extensions to the Common Information Model (CIM) activity in the Distributed Management Task Force (DMTF). This model defines two hierarchies of object classes: structural classes representing policy information and control of policies, and association classes that indicate how instances of the structural classes are related ...

186 [Computing curricula 2001 how will it work for you?](#)

Eric Roberts, Gerald Engel, C. Fay Cover, Andrew McGettrick, Carl Chang, Ursula Wolz
February 2001 **ACM SIGCSE Bulletin , Proceedings of the thirty-second SIGCSE technical symposium on Computer Science Education**, Volume 33 Issue 1

Full text available: [pdf \(17.63 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In the fall of 1998, the ACM Education Board and the Educational Activities Board of the IEEE Computer Society appointed representatives to a joint task force to prepare Computing Curricula 2001 (CC2001), the next installment in a series of reports on the undergraduate computer science curriculum that began in 1968 and was then updated in 1978 and 1991. Interim reports on the initial planning of the curriculum were presented at the SIGCSE symposium and the IEEE Frontiers in Education Conference ...

187 [The president's information technology advisory committee's february 2001 digital library report and its impact](#)

Sally E. Howe, David C. Nagel, Ching-chih Chen, Stephen M. Griffin, James Lightbourne, Walter L. Warnick
January 2001 **Proceedings of the 1st ACM/IEEE-CS joint conference on Digital libraries**

Full text available: [pdf \(114.88 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In February 2001 the Panel on Digital Libraries of the Presidents Information Technology Advisory Committee issued a report entitled "Digital Libraries: Universal Access to Human Knowledge". This JCDL panel, which consists of two members of the PITAC Panel on Digital Libraries and representatives of key Federal science and digital library agencies who had briefed the Panel, will discuss the report's findings and recommendations and how the report is and can be helpful in improv ...

Keywords: digital libraries, federal government, policy, research and development

188 [RFC3031: Multiprotocol Label Switching Architecture](#)

E. Rosen, A. Viswanathan, R. Callon
January 2001 rfc, RFC Editor

Additional Information: [full citation](#)

This document specifies the architecture for Multiprotocol Label Switching (MPLS).

189 [RFC3036: LDP Specification](#)

L. Andersson, P. Doolan, N. Feldman, A. Fredette, B. Thomas
January 2001 *rfc*, RFC Editor

Additional Information: [full citation](#)

The architecture for Multi Protocol Label Switching (MPLS) is described in RFC 3031. A fundamental concept in MPLS is that two Label Switching Routers (LSRs) must agree on the meaning of the labels used to forward traffic between and through them. This common understanding is achieved by using a set of procedures, called a label distribution protocol, by which one LSR informs another of label bindings it has made. This document defines a set of such procedures called LDP (for ...

190 [Conference preview: IUI 2001](#)

January 2001 **interactions**, Volume 8 Issue 1

Full text available:  [pdf\(204.95 KB\)](#)
 [html\(17.36 KB\)](#)

Additional Information: [full citation](#), [index terms](#)

191 [Computing curriculum 2001: getting down to specifics](#)

Eric Roberts

October 2000 **Journal of Computing Sciences in Colleges**, Volume 16 Issue 2

Full text available:  [pdf\(10.91 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

In the fall of 1998, the ACM Education Board and the Educational Activities Board of the IEEE Computer Society appointed representatives to a joint task force to prepare Curriculum 2001, the next installment in a series of reports on the undergraduate Computer Science curriculum that began in 1968 and was then updated in 1978 and 1991. In this talk, Eric Roberts — one of the coauthors of the Curriculum 2001 effort — will review the state of the project and lead a general discussion ...

192 [Microsoft Works Suite 2001 Step by Step with Cdrom](#)

Microsoft Corporation

September 2000 Book, Microsoft Press

Additional Information: [full citation](#), [abstract](#)

From the Publisher:

Microsoft Works 2001 Step by Step shows how to use all the products in the best-selling Microsoft Works Suite 2001 home productivity suite. The book covers each application and also shows how to use common elements in the suite. Like the other titles in the Step by Step series, it provides step by step instructions on how to use the software programs, and allows users to learn at their own pace. Rich indexing makes it easy to use the book as a reference. This boo ...

193 [IFIP World Conference on Computers in Education WCCE 2001](#)

June 2000 **Education and Information Technologies**, Volume 5 Issue 2

Full text available:  [Publisher Site](#)

Additional Information: [full citation](#)

194 [Curriculum 2001 draft found lacking in programming languages](#)

Kim B. Bruce

April 2000 **ACM SIGPLAN Notices**, Volume 35 Issue 4

Full text available:  [pdf\(228.17 KB\)](#)


Additional Information: [full citation](#), [abstract](#), [index terms](#)

In March, 2000, the ACM-IEEE CS Curriculum 2001 committee released a "strawman" version of their proposed curricular recommendations. Those recommendations give short shrift to programming languages compared to previous curricula, and the material on programming language is also significantly reduced from the Programming Languages

Knowledge Area Focus Group's recommendations. This document reports on the recommendations of the focus group and the curriculum committee's proposals on programming I ...

195 Curriculum 2001 (panel session): evaluating the Strawman report representatives of the ACM/IEEE-CS task force

Eric Roberts, C. Fay Cover, Gerald Engel, Carl Chang, James H. Cross, Russ Shackelford
March 2000 **ACM SIGCSE Bulletin , Proceedings of the thirty-first SIGCSE technical symposium on Computer science education**, Volume 32 Issue 1

Full text available:  [pdf\(153.78 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In the fall of 1998, the ACM Education Board and the Educational Activities Board of the IEEE Computer Society appointed representatives to a joint task force to prepare Curriculum 2001, the next installment in a series of reports on the undergraduate computer science curriculum that began in 1968 and was then updated in 1978 and 1991. Interim reports on the initial planning of the curriculum were presented at the SIGCSE symposium in March 1999 and at the IEEE Frontiers in Education Confere ...

196 HAL's long, long run: computers and social performance in Stanley Kubrick's 2001

Phil Vendy, Michael Nofz
December 1999 **ACM SIGCAS Computers and Society**, Volume 29 Issue 4

Full text available:  [pdf\(260.36 KB\)](#) Additional Information: [full citation](#), [references](#)

197 Curriculum 2001: bringing the future to the classroom

Carl Chang, Gerald Engel, Willis King, Eric Roberts, Russ Shackelford, Robert H. Sloan, Pradip K. Srimani
December 1999 **ACM SIGCSE Bulletin , Working group reports from ITiCSE on Innovation and technology in computer science education**, Volume 31 Issue 4

Full text available:  [pdf\(457.28 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

The discipline of computing encompasses the understanding, design, and use of computers and computational processes. The breadth of the discipline is emphasized in the following quotation from a report issued by the Computing Sciences Accreditation Board. [1]The discipline ranges from theoretical studies of algorithms and computability to practical problems of implementations in terms of computational hardware and software. Thus, the discipline spans both advancing the fundamental understanding ...

198 Curriculum 2001: interim report from the ACM/IEEE-CS task force

Eric Roberts, Russ Shackelford, Rich LeBlanc, Peter J. Denning
March 1999 **ACM SIGCSE Bulletin , The proceedings of the thirtieth SIGCSE technical symposium on Computer science education**, Volume 31 Issue 1

Full text available:  [pdf\(283.52 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In the fall of 1998, the ACM Education Board and the Educational Activities Board of the IEEE Computer Society appointed representatives to a joint task force to prepare Curriculum 2001, the next installment in a series of reports on the undergraduate Computer Science curriculum that began in 1968 and was then updated in 1978 and 1991. The purpose of this panel is to present an overview of the early work of the task force and to generate discussion in the SIGCSE membership about the directions a ...

199 Database in crisis and transition: a technical agenda for the year 2001

David Vaskevitch
May 1994 **ACM SIGMOD Record , Proceedings of the 1994 ACM SIGMOD international conference on Management of data**, Volume 23 Issue 2

Full text available:  [pdf\(492.75 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index](#)

[terms](#)

The current paper outlines a number of important changes that face the database community and presents an agenda for how some of these challenges can be met. This database agenda is currently being addressed in the Enterprise Group at Microsoft Corporation. The paper concludes with a scenario for 2001 which reflects the Microsoft vision of "Information at your fingertips."

200 Creation machines: Stanley Kubrick's view of computers in 2001

Mark Midbon

January 1991 **ACM SIGCAS Computers and Society**, Volume 20 Issue 4Full text available:  [pdf \(520.97 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

A retrospective look at the movie *2001: A Space Odyssey* shows that Stanley Kubrick paid a great deal of attention to computer developments of the late 1960s. In particular, the recurring image of the monolith turns out to represent a monolithic integrated circuit. The movie shows that computers and other tools have an important role in creating the human race. And the film teaches a set of ethics for using the computer.

Results 181 - 200 of 200

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S10	2076	(touch near screen) and (("345"/\$)!ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/03/25 10:42
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S18	39	shao near2 tsu near2 kung	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 08:07

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S21	2079	(touch near3 screen) and zoom\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 08:27
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S23	183	S22 and @ad <= "20010606"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 08:27
S24	16	S23 and (detect\$5 near6 point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 08:22
S25	1585	((345/157).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 08:23
S26	2458	((345/173).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 08:23

S27	1279	((345/179).ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 08:23
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S35	97	S34 and @ad <= "20010412"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 11:04
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S37	32	S36 and @ad <= "20010412"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 10:28
S38	7	S37 and ((repeat\$5 or continous\$5) near35 zoom\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 10:39
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S40	63729	touch near (screen or display or panel or sensitive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 11:03
S41	9794	(dynamic or continou\$5) near (zoom\$4 or enlarg\$4 or magnifi\$4 or reduc\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 11:04
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S43	4	S42 and (zoom\$4 near ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 11:25
S44	2	S42 and (enlarg\$4 near ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 11:11
S45	0	S42 and (magnific\$4 near ratio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 11:07
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S47	2	S46 and zoom	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/15 11:16
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